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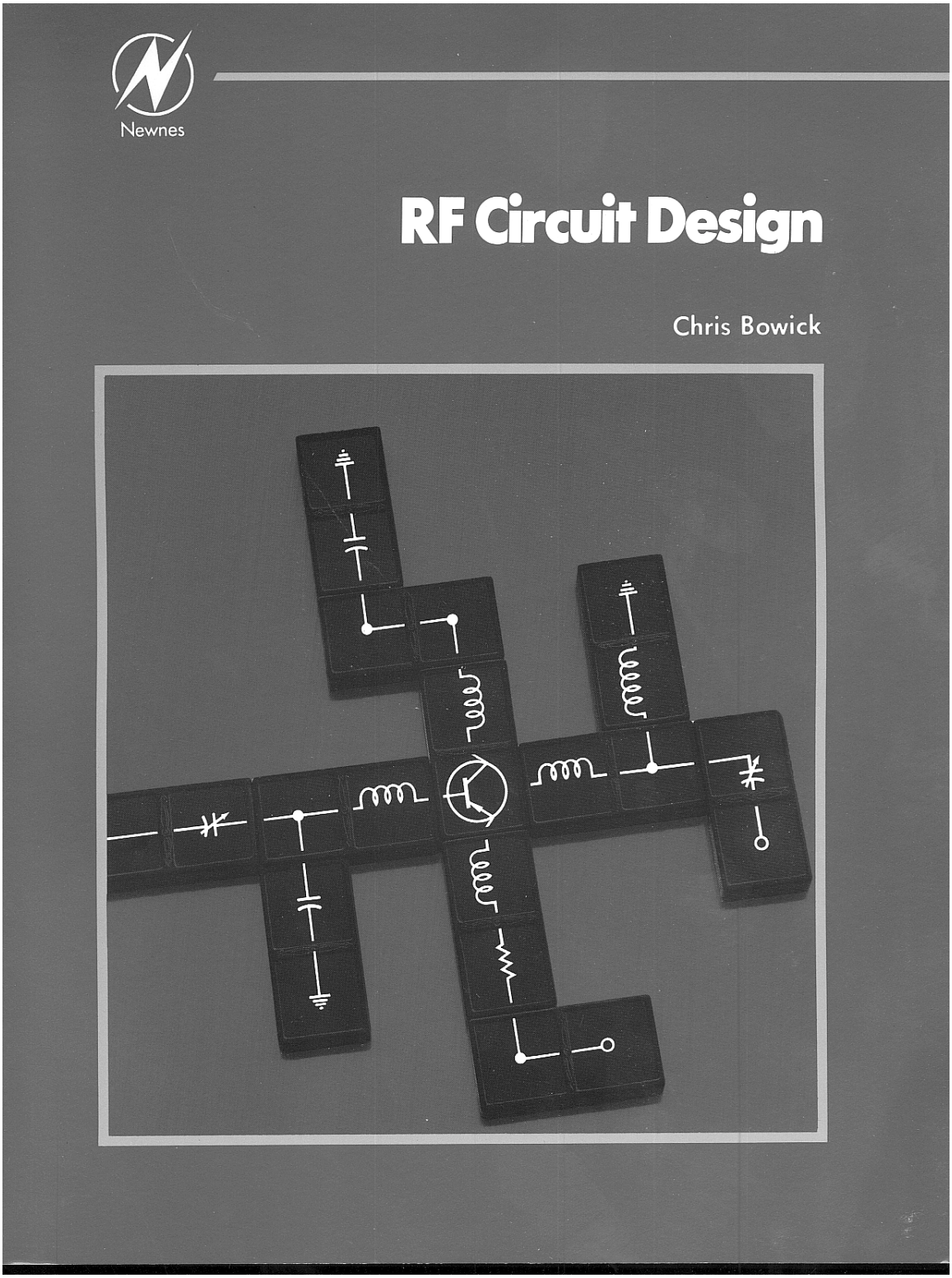

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Newnes

RF Circuit Design

- For the person who has design experience...who is an expert in the field of rf circuit design...or who is an engineer needing a good reference manual.
- Gives complete design procedures for multiple-pole Butterworth, Chebyshev, and Bessel filters.
- Covers capacitors, inductors, and other components with their behavior at rf frequencies being discussed in detail. Examines Q, brandwidth, and coupling of resonant circuits.
- Transistor behavior at rf frequencies is discussed and data sheets are explained. Y and S parameters are introduced.
- You learn-
  - Procedures for designing your own low-pass, high-pass, bandpass, and bandstop filter designs.
  - How to design single- and multiresonator circuits.
  - Impedance matching, both real and complex, with the aid of Smith Charts and numerical values.
  - The difference between small- and large-signal amplifiers and the step-by-step procedures for designing the latter.
- Includes a bibliography of books and technical papers in the Appendix to help you further your learning.